



**Winston H. Hickox**  
Secretary for  
Environmental  
Protection

# California Regional Water Quality Control Board

## Los Angeles Region

(50 Years Serving Coastal Los Angeles and Ventura Counties)

320 W. 4th Street, Suite 200, Los Angeles, California 90013  
Phone (213) 576-6600 FAX (213) 576-6640  
Internet Address: <http://www.swrcb.ca.gov/rwqcb4>



**Gray Davis**  
Governor

August 8, 2000

Claudette Earl  
Earl Manufacturing  
11876 E. Burke Street  
Santa Fe Springs, CA 90670

**EARL MANUFACTURING—11862 BURKE STREET, SANTA FE SPRINGS  
(FILE NO. 00-026, SLIC NO. 752)**

Dear Ms. Earl:

Our previous letter dated February 14, 2000, requested that you submit a site audit report and a work plan for additional soil investigation. On April 7, 2000, Board staff conducted an inspection of the above facility and was informed by your consultant, Mr. Richard Winstanley, that additional reports regarding soil and groundwater investigation were available. During the inspection, Board staff requested that you not submit the work plan for additional soil investigation until the site audit report and the other reports had been submitted and reviewed by Board staff.

We have received copies of the site audit report, dated April 27, 2000, and the following additional reports:

- "Underground Storage Tank Removal" dated September 12, 1997, United Pacific Environmental.
- "Soil Gas and Limited Soil Sampling Report" dated December 1998, SCS Engineers.
- "Summary of Groundwater Monitoring Activities" dated December 8, 1999, SCS Engineers.

We have completed our review of the information listed above and have the following comments:

- Earl Manufacturing previously operated a vapor degreaser and used 1,1,1-trichloroethane.
- On August 13, 1997, a 1,000-gallon underground storage tank (UST) was removed from the site.
- Soil samples collected from beneath the UST were found to contain perchloroethene (PCE) at 422,000 µg/kg.
- On November 13, 1998, SCS Engineers conducted additional soil investigation by collecting 10 soil gas samples at and around the former UST location and two soil samples beneath the former UST location.

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- Soil samples collected at 11.5 and 20 feet BGS, below the former location of the UST, were found to contain perchloroethene (PCE) at 270 micrograms per kilogram ( $\mu\text{g/kg}$ ) and 950  $\mu\text{g/kg}$ , respectively. SCS Engineers recommended that no further investigation or remediation was warranted.
- On about November 11, 1999, SCS Engineers installed a groundwater monitoring well at the location of the former UST.
- PCE, trichloroethene (TCE), and cis1,2-dichloroethene were detected in groundwater at 13,700  $\mu\text{g/L}$ , 1,730  $\mu\text{g/L}$  and 6.3  $\mu\text{g/L}$ , respectively.
- Soils beneath the former UST consist of medium brown slightly moist clayey silt.

Based upon the information contained in these reports, we have determined that the previous chemical use at this facility has resulted in soil and groundwater contamination, but the full lateral and vertical extent of soil and groundwater contamination has not been adequately defined.

Therefore, Earl Manufacturing is required to:

1. Investigate the potential for soil contamination beneath the former vapor degreaser.
2. Determine site-specific soil remedial goals for soils contaminated with VOCs in accordance with the Regional Board's "Interim Site Assessment and Cleanup Guidebook.
3. Submit a work plan to investigate the soils beneath the former vapor degreaser, determine the vertical and horizontal extent of contamination beneath the former UST, and investigate the lateral and vertical extent of groundwater contamination.
4. Develop a remedial action plan for soils beneath the former UST.

Please submit two copies a work plan incorporating the requirements listed in items one through four above by September 1, 2000. Please call me at (213) 576-6737 if you have any questions.

Sincerely,



John Geroch  
Associate Engineering Geologist  
Site Cleanup Unit

Cc Dave Klunk, Director of Environmental Services, City of Santa Fe Springs  
Brenda Nelson, City of Santa Fe Springs Fire Department  
Craig Cooper, United States Environmental Protection Agency  
Jim Leserman, Water Replenishment District of Southern California  
Lori Parnass, Department of Toxic Substances Control

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### FAX TRANSMITTAL

DATE: 8/8/00

TO: JANET BROWN FAX No. (562) 945-2974

Earl MTS  
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FROM: John Gerock

TEL.# (213) 576- 6777

FAX # (213) 576 - 6717

NUMBER OF PAGES SENT (INCLUDING THIS COVER PAGE): 23

MESSAGE: Copy of letter for additional  
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